

Unit 5 : Trigonometric Functions

T2/T3: Demonstrate an understanding of periodic relationships and sinusoidal functions; make connections between numeric, graphical, and algebraic representations of sinusoidal functions; identify and represent sinusoidal functions; solve problems involving sinusoidal functions.

Lesson		Topic	Homework
5.1	T2/3	Periodic Behaviour	p. 360 #1-5,6,8,10,13,14
5.2	T2/3	Sketching Graphs of Trigonometric Functions	Graphs of $y=\csc x$, $y=\sec x$, $y=\cot x$
5.3	T2/3	Stretches of Periodic Functions	p. 374 #1-12 eoo (note π radians = 180°)
5.4	T2/3	Combinations of Transformations	p. 387 #1-11,21-23 (note π radians = 180°)
5.5	T2/3	Writing Trigonometric Equations	Handout "Writing Equations"
5.6	T2/3	Applications of Trig. Equations (2 days)	P 376 #13,15-19 P 389 #12-16,19,21
		Review	End of Chapter Review (no identities)